

Title (en)

Floating support for an off-shore structure

Title (de)

Schwimmende Unterkonstruktion für eine Off-Shore Struktur

Title (fr)

Support flottant pour structure off-shore

Publication

**EP 2479103 A1 20120725 (FR)**

Application

**EP 12305085 A 20120124**

Priority

FR 1150579 A 20110125

Abstract (en)

The support (1) has a mast forming unit (3) whose upper part is associated with an offshore structure and lower part is associated with float forming units (2) equipped with ballasting units allowing deballasting of the float forming units for towing the support and allowing ballasting of the float forming units to allow grounding of the support in position. The float forming units comprise receiving units (10) receiving concrete ballast blocks (14) to stabilize the support in a grounding position. The receiving units are in a form of cross-pieces comprising metallic wire meshes (13).

Abstract (fr)

Ce support flottant pour structure off-shore telle qu'une éolienne, du type comportant des moyens en forme de mât (3) dont la partie supérieure est associée à la structure et dont la partie inférieure est associée à des moyens en forme de flotteurs (6, 7, 8) équipés de moyens de ballastage permettant un déballastage de ces moyens en forme de flotteurs pour le remorquage du support et un ballastage de ceux-ci pour permettre l'échouage de ce support en position, est caractérisé en ce que les moyens en forme de flotteurs comportent des moyens (10, 13) de réception de blocs de lest (14) pour stabiliser le support en position d'échouage.

IPC 8 full level

**B63B 21/50** (2006.01); **B63B 35/44** (2006.01); **E02B 17/00** (2006.01); **F03D 1/00** (2006.01); **F03D 11/04** (2006.01)

CPC (source: EP)

**B63B 21/50** (2013.01); **B63B 35/44** (2013.01); **E02B 17/0004** (2013.01); **E02B 17/027** (2013.01); **E02B 17/0818** (2013.01); **F03D 13/10** (2016.05); **F03D 13/22** (2023.08); **F03D 13/25** (2016.05); **B63B 2035/446** (2013.01); **E02B 2017/0039** (2013.01); **E02B 2017/0065** (2013.01); **E02B 2017/0091** (2013.01); **F05B 2230/604** (2013.01); **F05B 2240/95** (2013.01); **F05B 2250/21** (2013.01); **F05B 2260/503** (2013.01); **Y02E 10/72** (2013.01); **Y02E 10/727** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)

- [XY] WO 2010143967 A2 20101216 - SEATOWER AS [NO], et al
- [Y] WO 2010110330 A1 20100930 - TODA CORP [JP], et al
- [A] WO 2009050547 A2 20090423 - BLUE H INTELLECTUAL PROPERTIES [CY], et al
- [A] WO 2009036107 A2 20090319 - FLOATING WINDFARMS CORP [US], et al
- [A] EP 1876093 A1 20080109 - ARCADIS CONSULT GMBH [DE]
- [A] GB 2147549 A 19850515 - EARL & WRIGHT LTD

Cited by

NO337954B1; CN110259645A; ITPE20120013A1; GB2602284A; FR2999245A1; GB2574373A; FR3003310A1; WO2014060650A2; GB2523497A; EP2955277A1; ES2951906A1; WO2014081317A1; EP3922845A1; DE102020115334A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2479103 A1 20120725; EP 2479103 B1 20150304**; FR 2970694 A1 20120727; FR 2970694 B1 20150703

DOCDB simple family (application)

**EP 12305085 A 20120124**; FR 1150579 A 20110125